Professional Advisory Committee (PAC) Meeting

Improved and Standard
Power Management Controls
for Office Equipment

November 2, 2000

Who is Involved in Power Management Controls?
("Institutional Review")

- Purpose

- International Standards Organizations
  - ISO / IEC / JTC1
  - Others
- U.S. Counterparts
- Others

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Inst. Review, cont. (2)

Existing Standards

- Graphical Symbols
- Energy Consumption
- Indicators, Terminology, ...

Inst. Review çont (3)

Labeling

– ENERGY STAR

Trade Associations

- ITI (EIA, CEA) — U.S.
- IIIC — International
- EICTA — Europe
- JBMA — Japan

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Inst. Review cont. (4)

- Manufacturers
  - Unified manufacturers (inc. non-PC devices)
    - Market share; innovators
  - Intel/Microsoft initiatives
    - ACPI; PC Design Guide; others
- VESA (DPMS)
- Ease Of Use Roundtable
- New communication protocols
- Standby power

Inst. Review: Implications

- Nobody else has done / is doing this
- The existing standards for graphical symbols need to be revised
- No existing niche for rest of project results (terms, indicators, etc.) presently exists.
- Possible niches: Standard, Technical Specification, Industry Technical Agreement (ITA), Others
- Need to be cognizant of standards processes

OK?

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Research Topics

Discussion Criteria: each topic

- Relative Importance
- Relative Level of Effort
- Description

OK?

Research Plan

- ## Device Assessment
  - How detailed? How many devices?
    What vintages?

- ## Is Documentation a priority?

- ## Literature
  - Specific references? specific topics?

- ## Interviews
  - How many of each type?
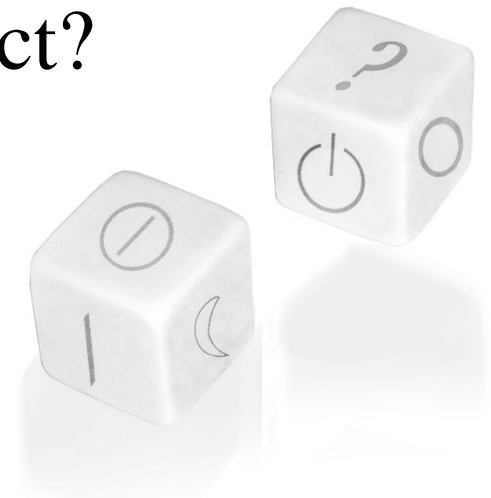
- ## Form of Results

- ## Field Tests

OK?

Marketing / Outreach

Goal: Develop a plan to reach all relevant organizations (principally manufacturers).
Use: Trade associations, magazines, conferences, ….

- Who does Berkeley Lab contact?
- Who do you contact?
- With what resources?

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Next Steps / Next Meeting

- Accumulate feedback till ~November 13

  (though comments always welcome)

- Then Berkeley Lab produces

  - Meeting Summary
  - Revised Institutional Review
  - Revised Project Scope and Research Topics
  - Revised Project Plan

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Next Meetings

- Possible schedule:
  - Phone meetings:
    February, July, October 2001
  - In-person meeting: February 2002
- What to have before future meetings?
- Who else to bring onto PAC?

OK?